



# MATERIAL SAFETY DATA SHEET

## Robarb pH Up (Spa Specialties)

### 1. Product And Company Identification

|   |  |
|---|--|
| <b>Supplier</b><br><b>Robarb</b><br><b>1400 Bluegrass Lakes Parkway</b><br><b>Alpharetta, GA 30004 United States</b><br>Telephone Number: (770)521-5999<br>FAX Number: (770)521-5959<br>Web Site: www.poolspacare.com | <b>Manufacturer</b><br><b>Advantis Technologies, Inc.</b><br><b>1400 Bluegrass Lakes Parkway</b><br><b>Alpharetta, GA 30004 United States</b><br>Telephone Number: (770) 521-5999<br>FAX Number: (770) 521-5959<br>Web Site: www.poolspacare.com |
|---|--|

|   |   |
|---|---|
| <b>Supplier Emergency Contacts &amp; Phone Number</b><br><b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b> | <b>Manufacturer Emergency Contacts &amp; Phone Number</b><br><b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b> |
|---|---|

Issue Date: 02/28/2006

Product Name: Robarb pH Up (Spa Specialties)

Chemical Name: Sodium Carbonate Solution

CAS Number: Not Established

Chemical Family: Carbonate

Chemical Formula: Proprietary Mixture

MSDS Number: 34

### 2. Composition/Information On Ingredients

| Ingredient Name  | CAS Number | Percent Of Total Weight |
|------------------|------------|-------------------------|
| Sodium Carbonate | 497-19-8   |                         |

Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).

### 3. Hazards Identification

**Primary Routes(s) Of Entry**  
Skin Contact

**Eye Hazards**  
Causes eye irritation.

**Skin Hazards**  
Causes skin irritation.

**Ingestion Hazards**  
Harmful if swallowed.If ingested, get immediate medical attention

**Inhalation Hazards**  
May cause respiratory tract irritation.

**Signs And Symptoms**  
Irritation of Eyes, Skin and Respiratory Passages

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### First Aid (Pictograms)



### 4. First Aid Measures

#### Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Consult Physician.

#### Skin

Wash the affected area under tepid running water using a mild soap.

#### Ingestion

DO NOT INDUCE VOMITING. If victim is fully conscious, give one or two cups of water or milk to drink. Call a physician or a poison control center immediately.

#### Inhalation

If inhaled, remove to fresh air.

#### Note To Physician

Internal toxicity is low. Irritant effects of high concentrations may produce corneal opacities and vesicular skin reactions in humans with abraded skin only. Treatment is symptomatic and supportive.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

Flash Point: N/A °F

Flammability Class: NOT FLAMMABLE

#### Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

#### Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

### 6. Accidental Release Measures

Sweep up and remove immediately. Collect and dispose.

### 7. Handling And Storage

#### Handling And Storage Precautions

Keep out of reach of children. Do not store with acids. Keep containers tightly closed. Store material in a cool and dry place.

#### Handling Precautions

Avoid contact with eyes.

#### Storage Precautions

Keep away from acids. Store in a cool dry place.

#### Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material.

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### Protective Clothing (Pictograms)



### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Local exhaust acceptable. Special exhaust not required unless dust accumulation is a problem.

#### Eye/Face Protection

Safety glasses with side shields or goggles recommended.

#### Skin Protection

Chemical-resistant gloves.

#### Respiratory Protection

None normally required. If dust accumulation is a problem a dust mask is suggested.  
Full Cover clothing should be worn

### 9. Physical And Chemical Properties

#### Appearance

Blue Solution

#### Odor

None

Chemical Type: Mixture

Physical State: Solid

Melting Point: 1564 °F

Boiling Point: DECOMPOSES °F

Specific Gravity: 1.26 - 1.28

Percent Volitales: NOT APPLICABLE

Percent VOCs: NOT APPLICABLE

Vapor Pressure: NOT APPLICABLE

Vapor Density: NOT APPLICABLE

pH Factor: 11-12 At a Concentration Of 1% SOLUTION IN WATER

Solubility: 32% AT 25C IN WATER

Viscosity: NOT APPLICABLE

Evaporation Rate: NOT APPLICABLE

### 10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

#### Conditions To Avoid (Stability)

High Humidity Causes Caking

#### Incompatible Materials

All Acids, Aluminum powder, Fluorine, Molten Lithium

#### Hazardous Decomposition Products


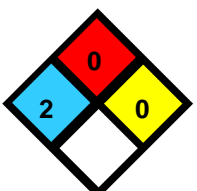
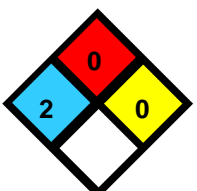
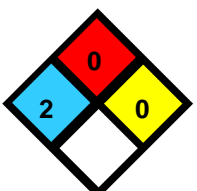
Toxic fumes of Na<sub>2</sub>O, CO<sub>2</sub>

### 11. Toxicological Information

No Data Available...

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|  |   |             |   |   |        |            |              |                     |            |   |                     |   |
|--|---|-------------|---|---|--------|------------|--------------|---------------------|------------|---|---------------------|---|
| <b>11. Toxicological Information - Continued</b>   |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>Ingredient(s) - Toxicological Data</b><br>Sodium Carbonate<br>TLV 10ppm   |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>12. Ecological Information</b>  |   |             |   |   |        |            |              |                     |            |   |                     |   |
| No Data Available...   |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>13. Disposal Considerations</b>   |   |             |   |   |        |            |              |                     |            |   |                     |   |
| Dispose in accordance with applicable federal, state and local government regulations.   |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>14. Transport Information</b>   |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>Proper Shipping Name</b><br>Corrosive Liquid, Basic, Inorganic, n.o.s. (Potassium Carbonate Solution)   |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>Hazard Class</b><br>8, PGII (<=1 L Consumer Commodity ORM-D)  |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>DOT Identification Number</b><br>UN3266   |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>15. Regulatory Information</b>  |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>Canadian Regulatory Information</b><br>Class D, Div 2b - Poisonous or Infectious Material: other toxic effects  |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>WHMIS - Canada (Pictograms)</b>   |   |             |   |   |        |            |              |                     |            |   |                     |   |
|   |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <table border="1"><tr><td><b>NFPA</b></td><td><b>HMIS</b></td></tr><tr><td></td><td><table border="1"><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>F</td></tr></table></td></tr></table>   | <b>NFPA</b>   | <b>HMIS</b> |  | <table border="1"><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>F</td></tr></table> | HEALTH | 2          | FLAMMABILITY | 0                   | REACTIVITY | 0 | PERSONAL PROTECTION | F |
| <b>NFPA</b>  | <b>HMIS</b>   |             |   |   |        |            |              |                     |            |   |                     |   |
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| HEALTH   | 2   |             |   |   |        |            |              |                     |            |   |                     |   |
| FLAMMABILITY   | 0   |             |   |   |        |            |              |                     |            |   |                     |   |
| REACTIVITY   | 0   |             |   |   |        |            |              |                     |            |   |                     |   |
| PERSONAL PROTECTION  | F   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>16. Other Information</b>   |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>Revision/Preparer Information</b><br>MSDS Preparer: JHW<br>This MSDS Supercedes A Previous MSDS Dated: 07/24/2000   |   |             |   |   |        |            |              |                     |            |   |                     |   |
| <b>Disclaimer</b>  |   |             |   |   |        |            |              |                     |            |   |                     |   |
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| <b>Robarb</b>  |   |             |   |   |        |            |              |                     |            |   |                     |   |